

Curious Facts About the Seas.

The oceans and seas are the great reservoirs into which run all the rivers of the world. It is the cistern which finally catches all the rain that falls not only upon its own surface, but upon the surface of the land as well. All of this water is removed again by evaporation as fast as it is supplied, it being estimated that every year a layer of the entire water surface of the globe over fourteen feet thick is taken up into the clouds to fall again as rain. This vapor is fresh, of course, and if all the water of the oceans could be removed in the same way and none of it returned, it is calculated that there would be a layer of pure salt 230 feet thick left in bottoms of these great reservoirs. This is upon the supposition that each three feet of ocean water contains one inch of salt, and that the average depth of all oceans is three miles.

At a depth of 3,500 feet the temperature is uniform, varying but a trifle between the poles and the Equator. In many of the deep bays on the coast of Norway and other Arctic countries the water begins to freeze at the bottom before it does at the surface. At the same depth, 3,500 feet, waves are not felt. Waves do not move forward, although it seems to do so; it remains stationary. It is the rising and falling that moves on.

The pressure of the water increases rapidly with the depth. At a distance of one mile the pressure is reckoned as about one ton to the square inch, or more than 133 times the pressure of the atmosphere.

To get correct soundings in deep water is difficult. The best invention for that purpose is a shot weighing about thirty pounds, which carries down a line. Through this shot or "sinker" a hole is drilled, and through the hole is passed a rod of iron which moves easily back and forth. At the end of the bar a cup is dug out, the inside being coated with lard. The bar is made fast to the line, a sling holding the shot in position. When the bar, which extends below the shot, touches the bottom, the sling unhook and the shot slides downward and drives the lard-coated cup into the sand at the bottom. In that way the character of the ocean's floor is determined.

If the surface of the Atlantic was lowered 5,565 feet it would be reduced to exactly half its present width. If the Mediterranean were lowered 660 feet Italy would be joined to Africa, and three separate seas would remain.

Preston's "Hed-Ake" is a specific for headache.

To Be a Good Neighbor

To be a really good neighbor demands the possession of many excellent qualities—tact, temper, disinterestedness and consideration for other people's feelings; and, if we possess all, or some of these qualities, innumerable and never-ending are the benefits we may confer on each other, and a great deal of pleasure will be the result. But, because we are neighbors, we need not necessarily be close friends. We may be friendly enough to enjoy the pleasure of doing them little kindnesses and receiving the same in return. Being kindly disposed to all by no means implies that our house is to be open from morning till night to visitors. The typically good-natured person, who is at every one's beck and call, is likely to be greatly imposed upon and to please no one really; one must be able to say "No," and to decline being made use of by every one.

"Clara," said Nellie, according to the Boston Herald, dropping the fashion paper she was reading, "what would you do if you had a mustache on your lip?"

"After he took it away I should tell him that I preferred to be married in June."

If you have headache try Preston's "Hed-Ake."

Minister—Well, Bobby, do you think you will be a better little boy this year than you were last?"

Bobby (hopefully)—I think so, sir; I began taking cod-liver oil last week.

Cures in fifteen minutes; Preston's "Hed-Ake."

"Ever had your life insured, old fellow?"

"No. Companies won't take me. Heart action too feeble. Nobody to insure my life for, anyhow."

"Ain't you married?"

"No. Heart action too feeble for that too."

Cures while you wait—Preston's "Hed-Ake."

ART AND ARTISTS.

Thirty thousand dollars will be spent at Trieste on a monument to Dante.

Verestchagin was 30 years painting the 120 pictures of his famous collection.

Alexander Harrison's "La Vague" has been sold to the Philadelphia Academy for \$8,000.

The American painters in Paris will send their works in a body to the Berlin Exhibition and have a section to themselves.

Meissonier is to have a statue, but he will in a sense pay for it himself, as the money is to be raised by an exhibition of his works.

The Art Club of Philadelphia is suffering from popularity and will have to spend \$35,000 at once in order to provide space for its members and guests.

Hampton, N. H., has voted to erect a monument to the memory of General Henry Dearborn of the Revolutionary war, who was born in that town in 1751.

Verestchagin's pictures, after leaving New York, will be taken to Chicago, where in all probability they will form a portion of the Russian department at the World's Fair.

Professor Halsey C. Ives, who has been selected to manage the art department of the World's Fair, has been connected with Washington University School of Fine Arts for 17 years.

M. Munkacsy has received a commission for a large picture for the chamber of deputies in the new parliament palace at Buda-Pesth. The sum voted to the artist is said to be equal to \$40,000.

A "Gallery for British Art," or a sort of London "Luxembourg," is to be built at South Kensington, opposite the museum, to cost £80,000, the gift of an anonymous donor to the British government. He has since been revealed in the person of a prominent sugar refiner, Henry Tate.

The principal picture galleries of Europe are ranked according to the number of pictures they contain: 1, Versailles; 2, Dresden; 3, Madrid; 4, Louvre; 5, London; 6, St. Petersburg; 7, Berlin; 8, Vienna; 9, Munich; 10, Florence; 11, Naples; 12, Venice; 13, Antwerp; 14, Turin.

On the monument over the grave of the famous Davy Crockett of Tennessee, who, among other wonderful things, killed 108 bears, the emblematic bear is to have a conspicuous place. But we do not see that any arrangement has been made for the historic coon, which gracefully came down from the tree when Colonel Davy appeared, without waiting for him to use ammunition on a shot.—[Cincinnati Commercial.]

The statue of the late Henry Ward Beecher, on which the sculptor, J. Q. A. Ward, has been working more than a year, is nearly completed, and the Beecher statue committee of Brooklyn has arranged to have the monument unveiled Wednesday, June 24, in City Hall Park, a small triangular inclosure facing the City Hall at Court and Fulton streets. The monument is finished, except the bronze casting of two of the four auxiliary figures. The pedestal is finished. More than \$35,000 have been raised for the monument. The occasion of the unveiling will be the seventy-eighth anniversary of Mr. Beecher's birth.—[New York Times.]

John Deery, an attorney and art connoisseur of Dubuque, Iowa, has just come into possession of a remarkable picture, which was taken from the ruins of an old Spanish mission near Santa Fe, N. M. It is painted on wood and is believed to be work by one of the great masters. It is evidently intended for one of the 12 stations of the cross, and represents Christ bowed down with his heavy burden, while St. Veronica has just wiped his face with a handkerchief, leaving a faint impression upon it of the face of Jesus. It is a remarkably well executed painting and contains over 50 figures. The size of the picture is 5 by 8 feet. It is attracting great attention.

FOREIGN NEWS AND GOSSIP.

Italy thinks the conversation and tone of the American press most execrable.

Russian peasants will be prohibited by law shortly from selling or mortgaging their lands.

English lawyers are suffering from a lack of business. The *Law Times* says: "Crime and contention are both declining."

In England they have established a woman's agricultural school. The granger is to have competition in the grangeress.

The palace and the park of the empress of Austria at Corfu will, when completed, be one of the wonders of the Mediterranean.

The heaviest gambler at Monte Carlo says he has lost \$625,000 there in the last 10 years, and has given up the baneful practice.

A company has been formed in London to purchase and develop the petroleum wells of Mancora, extending along the coast of Peru from Talara to Tumbes.

The bust of Dr. Henry Schliemann is to ornament the main room of the city hall in Berlin, and the bust of Leopold Ranke, the great historian, is to be added.

One German school child in every 100 is a stutterer. The boys are more liable to this defect than the girls. Ernst Kell, who has collected statistics from the German schools, finds that there are 5,985 stuttering boys to 2,233 stuttering girls.

Europe's population on January 1 was 390,200,000. The population of each of the other continents was estimated to be as follows: Asia, 850,000,000; Africa, 127,000,000; Australia, 4,730,000; North America, 89,250,000; South America, 36,420,000; polar regions, 300,000. The total would then be 1,787,600,000.

The members of the Massachusetts legislature refused to advance their own salary.

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PLAYS AND GOSSIP FROM ABROAD.

The German census shows an increase of 1,138 in the population.

Land values in Berlin have increased 50 per cent in the last 10 years.

Two million glass eyes are manufactured every year in Germany and Switzerland.

It is whispered about Berlin that the Kaiser gives more and more evidence of insanity.

A rich American who died in Paris has left \$75,000 to the American Church of the Holy Trinity.

It is announced that the canal across the Isthmus of Corinth will be opened to traffic in March, 1893.

The disinfection of passenger cars is receiving the serious attention of foreign railway companies.

A minister in England has recently made \$50,000 by inventing an odd toy that danced by winding it with a string.

Old fashioned, high standing, pointed collars and black silk "stocks" have been adopted by some London swells.

Tigers are dying out in India. Sir Samuel Baker, during a recent expedition in the central provinces, only killed six.

Among the equestrians at Cannes are a number of American ladies, whose riding is said to "create enthusiasm among the spectators."

Monte Carlo is very dull this year. There are two tables less than last year, and the crowd about those in play is not gay in any respect.

Afternoon teas have been introduced by some American ladies at Florence with great social and fashionable success. It is declared they were a novelty there.

The proposal of Baron Hirsch to found a colony of 300,000 Russian Jews in the Argentine Republic has been rejected. So has a similar application to Uruguay.

The consumption of tobacco has increased enormously in France during the last two or three years. The average is said to be two pounds yearly to every inhabitant.

The press and land owners of Portugal are becoming alarmed at the dearth of cultivators, and demand that the government shall put a stop to emigration, as husbandry is suffering.

The pope has issued a letter to the archbishop of Genoa approving his action in uniting with the citizens of Genoa in providing a suitable celebration of the discovery of America by Genoa's most distinguished citizen.

Considerable numbers of Germans have gone to take service with the Chinese and Japanese fleets. China has ordered several war vessels from German builders, and Japan has bought a number of torpedo boats in Germany.

Germany's merchant marine comprehends 3,594 vessels, with a registered tonnage of 1,320,721. Six years ago the figures were respectively 4,257 and 1,294,288. The number of sailing ships has fallen during this time from 3,607 to 2,779, and the number of steamships has increased from 650 to 815.

Dr. Armand Jeannoutot, a young physician of Paris, is the latest in the field as a consumption cure discoverer. His cure is by inhalation. His apparatus consists of a small, tubular brass boiler, connected with a brass pan with a lid. When in operation, from under the lid escape vapors which spread about the room, one of the parts of which is prussic acid.

GIFTS FROM THE RAM'S MORN.

Nothing keeps a stingy man from stealing but the risk of the thing.

It costs more to be proud than it does for everything else put together.

If head religion could take people to heaven, somebody would find how to get there in a balloon.

The thing to do is to get salvation before you wear out your brains in trying to understand it.

Unless a man has a character that won't show dirt, he had better not have much to do with politics.

If tombstones were always reliable, the devil would soon be willing to put out his fire and quit.

If the earth were covered with flowers all the year round, the bees would get lazy.

Nine women out of ten would rather have you praise their judgment than their beauty.

If you are ashamed of your religion, you can write it down for a fact that you ought to be, for you've got the wrong kind.

It looks as though there are some things that the devil could learn from a hypocrite.

There are too many people in the church who always look as though they had been baptized in cold water.

Some people can trust God as long as they have plenty of money, but when the bank breaks their religion all goes with it.

Every man has in himself a continent of undiscovered character. Happy is he who acts the Columbus of his own soul.

With one or two trifling exceptions, the submarine cables of the world, which stretch over \$120,000 nautical miles, and have cost \$200,000,000, are of British construction.

The big coke strike in Pennsylvania has collapsed and the men are begging for work.

The total arrival of immigrants at the leading ports of the United States during April, 1891, is reported to be 85,000 as against 61,212 in April, 1890.

"Was your elopement a success?"

"Hardly."

"What went wrong?"

"Her father telegraphed us not to return and all would be forgiven."

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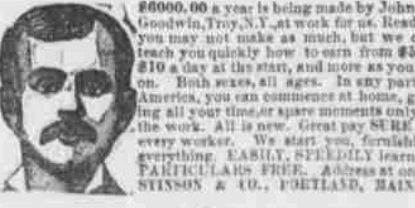
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Union Station	11:15 p.m.	1:15 p.m.	7:45 a.m.	5:15 p.m.
Chattanooga	11:30 a.m.	1:30 p.m.	7:55 a.m.	5:25 p.m.
Chattanooga	11:45 a.m.	1:45 p.m.	8:05 a.m.	5:35 p.m.
Chattanooga	12:00 p.m.	2:00 p.m.	8:15 a.m.	5:45 p.m.
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